

Product datasheet for **RN208822**

HhatI (NM_001106868) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HhatI (NM_001106868) Rat Untagged Clone
Tag:	Tag Free
Symbol:	HhatI
Synonyms:	Gup1; RGD1311911
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208822 representing NM_001106868
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGGCATCAAAACAGCGCTGCCTGCAGCTGAGCTCGGCCTCTACTCCCTGGTGCTAAGCGGTGCCCTGG
 CTTATGCTGGCCGTGGTCTCCTGGAGGCATCGCAAGATGGAGCACACAGGAAGGCCTTCCGGGAGTCCGT
 GCGACCTGGCTGGGAGTACCTGGCCGGAAGATGGATGTGGCTGACTTCGAGTGGGTGATGTGGTTCACC
 AACTTCCGAAACATATTGTCTTTGCCCTCTCTGGACATGTGCTGTTTGCTAAACTCTGCACAATGGTGG
 CCCCCAGCTCCGCTCTTGGATGTATGCGGTGTATGGAGTCTGGCAGTGGTGGGCACAATGGGCCATG
 GTACCTGCTGCTGCTGCTGGCCACTGCGTAGTCCTCTATGTGGCCTCACTCCTGGGCCAGCGCTGGCTG
 TGCCTTGGCCTTGGCCTTGGCAGCTGGCGTCTTCAAGATGGACCTGGGATCTCTTGGCAGAGTGGGT
 TTGTACAGGCACTTTTGATCTTCAAGATGTACTGTTCCACGGGGCAGCGGCTTACAGTTCTACGGTG
 CACCAGCTTCGCGCTGGAGAGCTGTGCCACCCTGACCGCCGCTACTCCCTTGCTGACCTGCTCAAGTAC
 AATTTCTACTTGCCCTTCTTCTTCTCGGGCCCATCATGACCTTTGACCGCTTCCAGGCTCAGGTGAGCC
 AGGAGCCAGTGAGGCCAGAGGGCGAGCTGTGGCGCATACAAACCCAGGCAGGACTCAGCGCGGCAGCCAT
 AGTGGCTGTGACATCTTCTTCCACTTCTTCTATATCCTCACCATCCCCAGCGATCTCAAGTTCCGCCAGC
 CGCCTCCAGACAGTGCCTTGGGGCCTGGCCTACTCAAACCTGGTGTATGACTGGGTGAAGGCAGCAG
 TCCTGTTTGGTGTGTCGAACACTGTGGCAGCCTAGACCACTTGGACCCTCCTCAGCCTCCAAAGTGCAT
 TACCGCACTCTACGTCTTCGGGGAGACGCATTTGATCGTGGCATCAATGACTGGCTTTGCAAATACGTG
 TATGACCACATCGGCGGGGATCATTCCGCCGTGATCCCGAGCTGGCCGCTCTGTGGCCACCTTCGTCA
 TCACCACCCTGTGGCTCGGACCTTGTGACATCGTCTACCTGTGGTCTGTCTTAACTGCTTCGGCCTCAA
 CTTTGAGCTCTGGGCACAGAAGCTGGCAGAGCATGGGCCACTGGCACAGATCGAGGCCCGGCTATCGGAG
 CAGATGTCTCGGAGAGTCCGGGCCCTCTGTGGGCTGTAAACTTCTGGGTATCATCATGTACAATCTCG
 TGAGCCTCAACAGCCTTGAATTCACAGAGCTGGTTGCCGACGCCTGATACTTACAGGCTTCCCCAGAC
 CAACTGGCGGTCTTGTGTGTCACCTACTGTGGTGTCCAGCTGGTAAAAGAGCGTGAGAGATCCCTGGCA
 CTGGAGGAAGAGCAGAGGCAGGACAAAGAGAAGCTGGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001106868

Insert Size: 1512 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001106868.1](#), [NP_001100338.1](#)

RefSeq Size: 1773 bp

RefSeq ORF: 1512 bp

Locus ID: 301073

Cytogenetics: 8q32